

ESTD/CHD
#2000



OICE

RAW SEQUENCE LISTING

DATE: 03/01/2002

PATENT APPLICATION: US/10/076,597

TIME: 12:42:44

Input Set : N:\Crf3\RULE60\10076597.raw

Output Set: N:\CRF3\03012002\J076597.raw

```

1 <110> APPLICANT: Dale, Roderic M. K.
2   Arrow, Amy
3   Thompson, Terry
4 <120> TITLE OF INVENTION: Antisense Phosphodiesterase Inhibitors
5 <130> FILE REFERENCE: OLIG-003CIP
6 <140> CURRENT APPLICATION NUMBER: 10/076,597
7 <141> CURRENT FILING DATE: 2002-02-19
9 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/364,626
W--> 10 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-29
13 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/223,586
W--> 14 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-30
15 <160> NUMBER OF SEQ ID NOS: 51
16 <170> SOFTWARE: FastSEQ for Windows Version 3.0
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 25
20 <212> TYPE: DNA
21 <213> ORGANISM: Artificial Sequence
22 <220> FEATURE:
23 <223> OTHER INFORMATION: Synthesized Oligonucleotide
24 <400> SEQUENCE: 1
25   ttagagcagg tctcgagaa gaaat
27 <210> SEQ ID NO: 2
28 <211> LENGTH: 25
29 <212> TYPE: DNA
30 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Synthesized Oligonucleotide
33 <400> SEQUENCE: 2
34   agcgtcagca tgtatgtcac catcg
36 <210> SEQ ID NO: 3
37 <211> LENGTH: 25
38 <212> TYPE: DNA
39 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Synthesized Oligonucleotide
42 <400> SEQUENCE: 3
43   gcttgctgag gttctggaag atgtc
45 <210> SEQ ID NO: 4
46 <211> LENGTH: 24
47 <212> TYPE: DNA
48 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Synthesized Oligonucleotide

```

ENTERED

25

25

25

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/076,597

DATE: 03/01/2002

TIME: 12:42:44

Input Set : N:\Crf3\RULE60\10076597.raw

Output Set: N:\CRF3\03012002\J076597.raw

```

51 <400> SEQUENCE: 4
52     agagcttcct cgactcctga caat
54 <210> SEQ ID NO: 5
55 <211> LENGTH: 25
56 <212> TYPE: DNA
57 <213> ORGANISM: Artificial Sequence
58 <220> FEATURE:
59 <223> OTHER INFORMATION: Synthesized Oligonucleotide
60 <400> SEQUENCE: 5
61     atggttagagt tggtcaggct gttac
63 <210> SEQ ID NO: 6
64 <211> LENGTH: 25
65 <212> TYPE: DNA
66 <213> ORGANISM: Artificial Sequence
67 <220> FEATURE:
68 <223> OTHER INFORMATION: Synthesized Oligonucleotide
69 <400> SEQUENCE: 6
70     aggagctctt cttgatcggc cttca
72 <210> SEQ ID NO: 7
73 <211> LENGTH: 23
74 <212> TYPE: DNA
75 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Synthesized Oligonucleotide
78 <400> SEQUENCE: 7
79     gagaatctcc aggtccgtga aca
81 <210> SEQ ID NO: 8
82 <211> LENGTH: 18
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Synthesized Oligonucleotide
87 <400> SEQUENCE: 8
88     ggcgctgtag taccagtc
90 <210> SEQ ID NO: 9
91 <211> LENGTH: 16
92 <212> TYPE: DNA
93 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Synthesized Oligonucleotide
96 <400> SEQUENCE: 9
97     acagggacag aggtct
99 <210> SEQ ID NO: 10
100 <211> LENGTH: 25
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Synthesized Oligonucleotide
105 <400> SEQUENCE: 10

```

RAW SEQUENCE LISTING

DATE: 03/01/2002

PATENT APPLICATION: US/10/076,597

TIME: 12:42:44

Input Set : N:\Crf3\RULE60\10076597.raw

Output Set: N:\CRF3\03012002\J076597.raw

106	gacttctagt cagtatcgcc aggag	25
108	<210> SEQ ID NO: 11	
109	<211> LENGTH: 25	
110	<212> TYPE: DNA	
111	<213> ORGANISM: Artificial Sequence	
112	<220> FEATURE:	
113	<223> OTHER INFORMATION: Synthesized Oligonucleotide	
114	<400> SEQUENCE: 11	
115	acaaatcaca gtggtgctct gcctg	25
117	<210> SEQ ID NO: 12	
118	<211> LENGTH: 25	
119	<212> TYPE: DNA	
120	<213> ORGANISM: Artificial Sequence	
121	<220> FEATURE:	
122	<223> OTHER INFORMATION: Synthesized Oligonucleotide	
123	<400> SEQUENCE: 12	
124	ggtcttctaa agtcatcatg taggt	25
126	<210> SEQ ID NO: 13	
127	<211> LENGTH: 20	
128	<212> TYPE: DNA	
129	<213> ORGANISM: Artificial Sequence	
130	<220> FEATURE:	
131	<223> OTHER INFORMATION: Synthesized Oligonucleotide	
132	<400> SEQUENCE: 13	
133	ctaagggtatc gagaatgtcc	20
135	<210> SEQ ID NO: 14	
136	<211> LENGTH: 25	
137	<212> TYPE: DNA	
138	<213> ORGANISM: Artificial Sequence	
139	<220> FEATURE:	
140	<223> OTHER INFORMATION: Synthesized Oligonucleotide	
141	<400> SEQUENCE: 14	
142	catgctcatc aaggatagaa tgttc	25
144	<210> SEQ ID NO: 15	
145	<211> LENGTH: 23	
146	<212> TYPE: DNA	
147	<213> ORGANISM: Artificial Sequence	
148	<220> FEATURE:	
149	<223> OTHER INFORMATION: Synthesized Oligonucleotide	
150	<400> SEQUENCE: 15	
151	gacgtttggg ttatataata cac	23
153	<210> SEQ ID NO: 16	
154	<211> LENGTH: 25	
155	<212> TYPE: DNA	
156	<213> ORGANISM: Artificial Sequence	
157	<220> FEATURE:	
158	<223> OTHER INFORMATION: Synthesized Oligonucleotide	
159	<400> SEQUENCE: 16	
160	ttggttagaag ccatctcact gacag	25

RAW SEQUENCE LISTING

DATE: 03/01/2002

PATENT APPLICATION: US/10/076,597

TIME: 12:42:44

Input Set : N:\Crf3\RULE60\10076597.raw

Output Set: N:\CRF3\03012002\J076597.raw

```

162 <210> SEQ ID NO: 17
163 <211> LENGTH: 25
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Synthesized Oligonucleotide
168 <400> SEQUENCE: 17
169     atgtcaataa ccatcttcct gagtg                                25
171 <210> SEQ ID NO: 18
172 <211> LENGTH: 25
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Synthesized Oligonucleotide
177 <400> SEQUENCE: 18
178     tctaggagaa gaagccctga acttg                                25
180 <210> SEQ ID NO: 19
181 <211> LENGTH: 20
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Synthesized Oligonucleotide
186 <400> SEQUENCE: 19
187     gagttctatg cagactctca                                    20
189 <210> SEQ ID NO: 20
190 <211> LENGTH: 25
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Synthesized Oligonucleotide
195 <400> SEQUENCE: 20
196     tcagtagttc gggagcattc agaag                                25
198 <210> SEQ ID NO: 21
199 <211> LENGTH: 18
200 <212> TYPE: DNA
201 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: Synthesized Oligonucleotide
204 <400> SEQUENCE: 21
205     ttctccatgc gccagaga                                    18
207 <210> SEQ ID NO: 22
208 <211> LENGTH: 18
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Synthesized Oligonucleotide
213 <400> SEQUENCE: 22
214     cagaggagtt ccgagaca                                    18
216 <210> SEQ ID NO: 23

```

RAW SEQUENCE LISTING

DATE: 03/01/2002

PATENT APPLICATION: US/10/076,597

TIME: 12:42:44

Input Set : N:\Crf3\RULE60\10076597.raw

Output Set: N:\CRF3\03012002\J076597.raw

```

217 <211> LENGTH: 18
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Synthesized Oligonucleotide
222 <400> SEQUENCE: 23
223      cgaggcttgt caccttct
225 <210> SEQ ID NO: 24
226 <211> LENGTH: 25
227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Synthesized Oligonucleotide
231 <400> SEQUENCE: 24
232      tggccctaag tcctctggtt gtcga
234 <210> SEQ ID NO: 25
235 <211> LENGTH: 18
236 <212> TYPE: DNA
237 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Synthesized Oligonucleotide
240 <400> SEQUENCE: 25
241      gcttggtgc tcctaggc
243 <210> SEQ ID NO: 26
244 <211> LENGTH: 23
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: Synthesized Oligonucleotide
249 <400> SEQUENCE: 26
250      atgtcctctc catgtaggtc gct
252 <210> SEQ ID NO: 27
253 <211> LENGTH: 20
254 <212> TYPE: DNA
255 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: Synthesized Oligonucleotide
258 <400> SEQUENCE: 27
259      gttcccactt acgtccgcca
261 <210> SEQ ID NO: 28
262 <211> LENGTH: 25
263 <212> TYPE: DNA
264 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: Synthesized Oligonucleotide
267 <400> SEQUENCE: 28
268      ccaagtctgt gaacacagcc tcgag
270 <210> SEQ ID NO: 29
271 <211> LENGTH: 25

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/076,597

DATE: 03/01/2002

TIME: 12:42:45

Input Set : N:\Crf3\RULE60\10076597.raw

Output Set: N:\CRF3\03012002\J076597.raw

L:10 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD

L:14 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD